

CAPACITIVE SENSING MONITOR AND METHOD THEREFORE

Abstract

A monitor for monitoring presence or absence of a liquid product in a system for pumping the liquid product from a supply through tubing. A capacitive sensor is coupled to the outside of the tubing at a sensing location having an inlet and an outlet, the capacitive sensor being responsive to the presence or absence of the liquid product in the tubing. The tubing is selected from a material and having an inside diameter at the sensing location selected such that the tubing is substantially evacuated or substantially drains when the liquid product is substantially absent from the tubing preceding the sensing location but small enough so that the liquid product can be sensed by the capacitive sensor when the liquid product is substantially present in the supply.